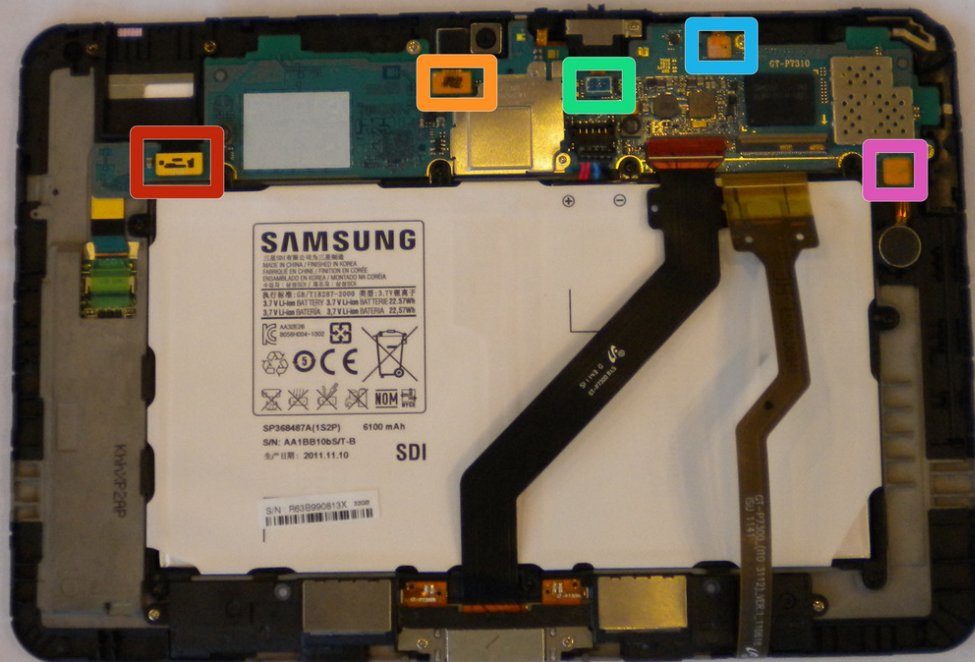




Samsung Galaxy Tab 8.9 Motherboard Replacement

Written By: Aleezee True



INTRODUCTION

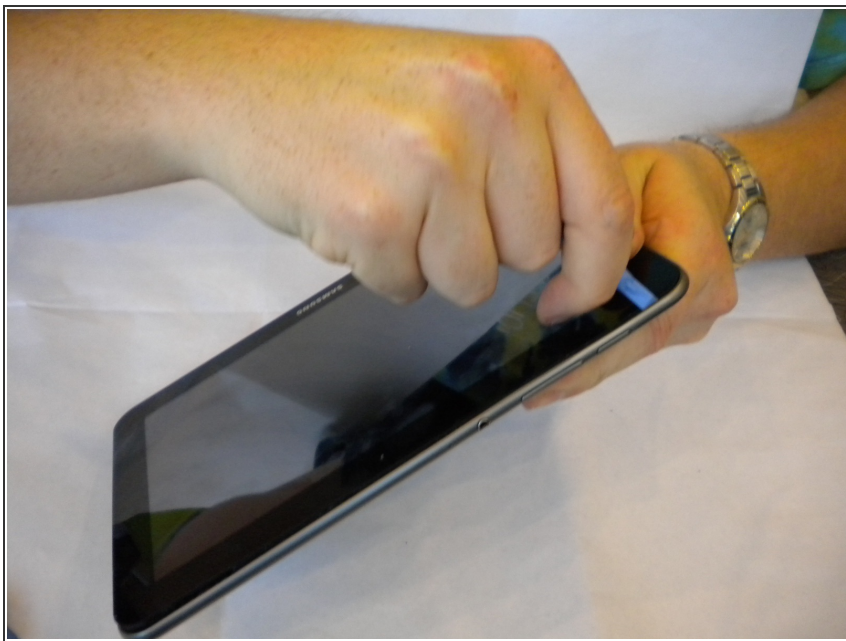
Use this guide for replacing the motherboard on a Samsung Galaxy Tab 8.9. The guide shows how to disassemble the device to replace the motherboard.



TOOLS:

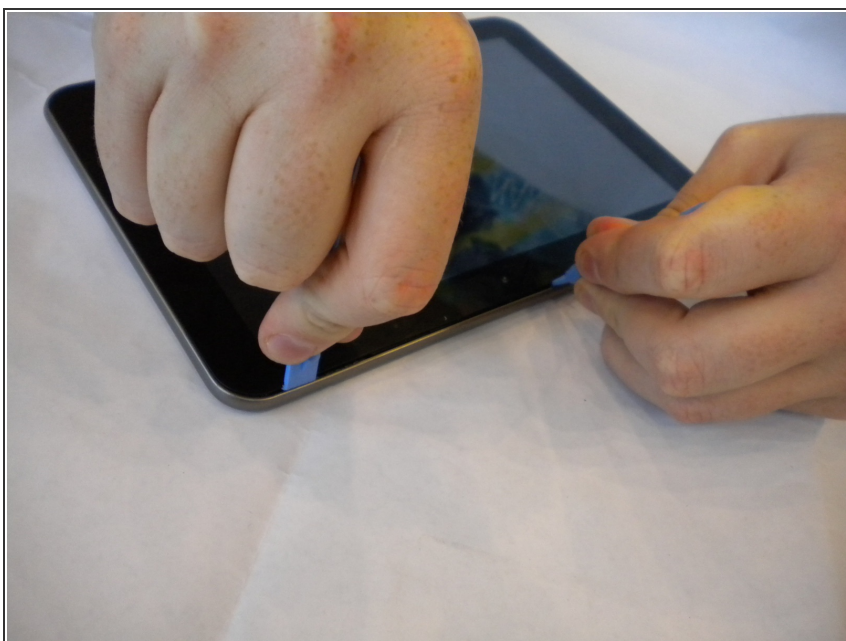
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (2)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Battery



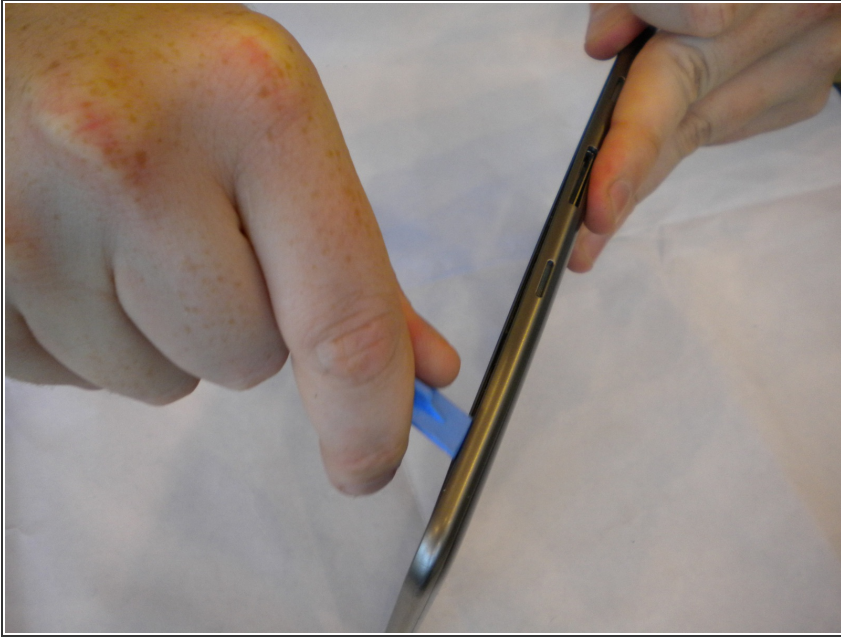
- Insert one of the plastic opening tools between the back cover and the screen of the Samsung Galaxy Tab 8.9.

Step 2



- Insert the second plastic opening tool 6 cm [2 in] away from the first tool.

Step 3



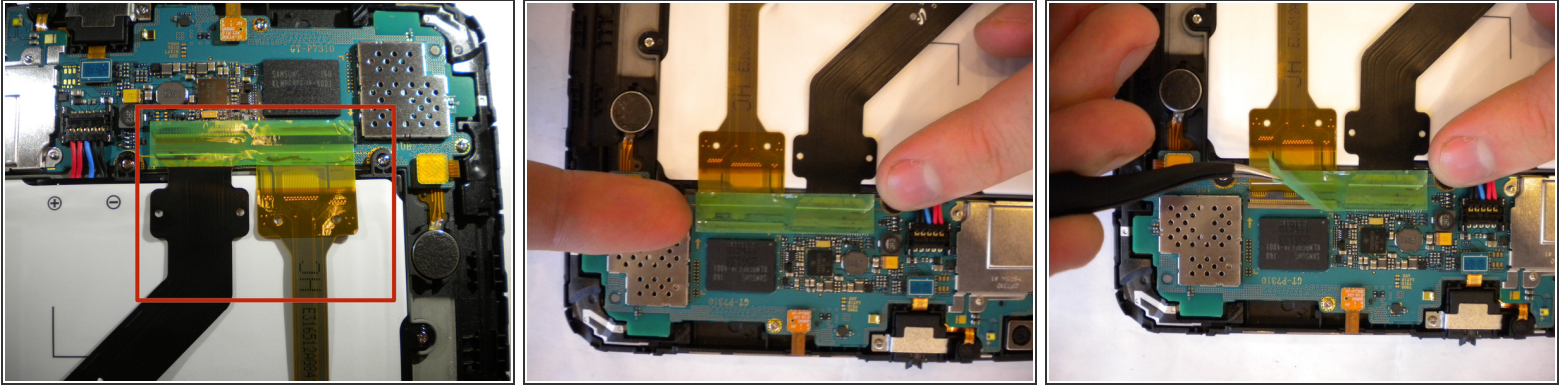
- Slide the second plastic opening tool along the edge of the device to separate the back cover from the screen.

Step 4



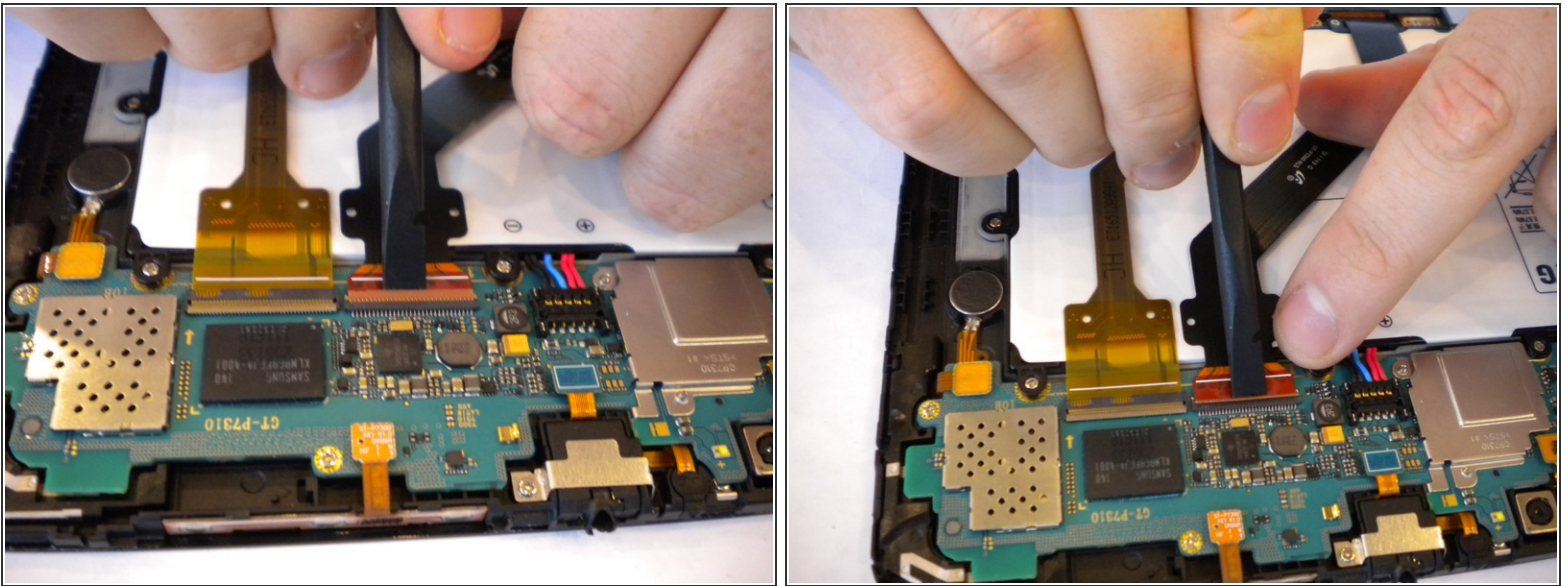
- Open the back cover with your hands.

Step 5 — Remove Green Tape



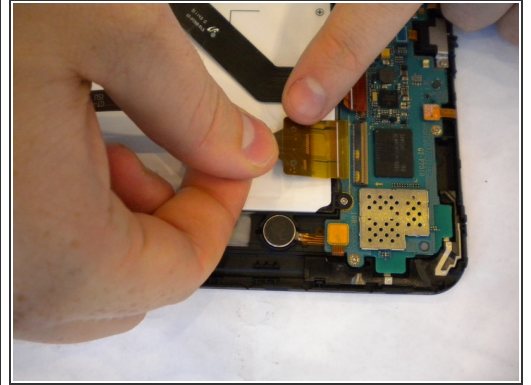
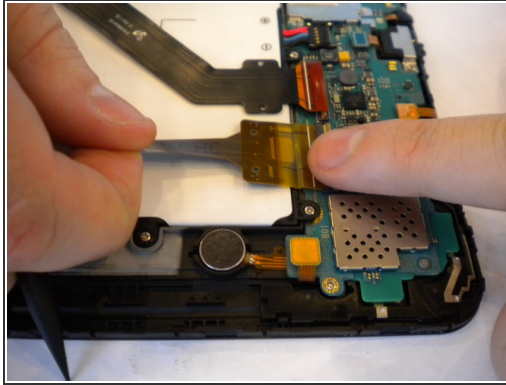
- Using tweezers, peel away the green tape located on top of the two flexible ribbon cables.

Step 6 — Remove Black Flex Cable Ribbon



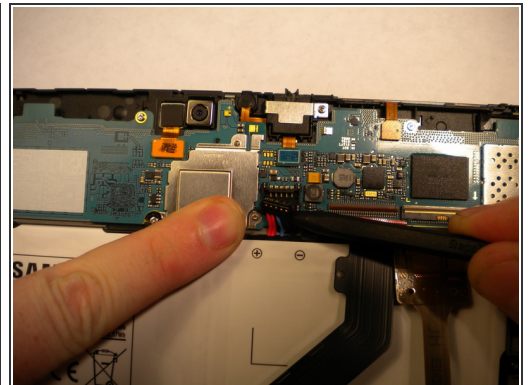
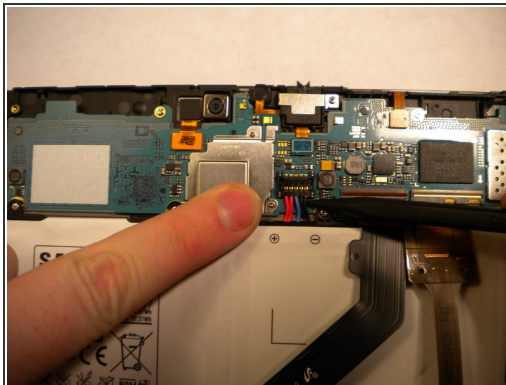
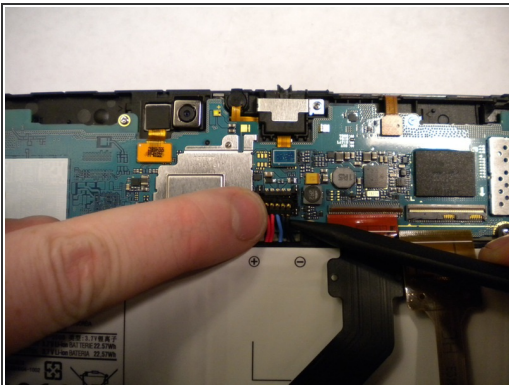
- Insert a spudger under the orange tab.
- Pry open the tab to disconnect the black flexible ribbon cable from the motherboard.

Step 7 — Remove Yellow Flex Ribbon



- Slide out the yellow flexible ribbon cable to disconnect it from the motherboard.

Step 8 — Disconnect Battery from MotherBoard



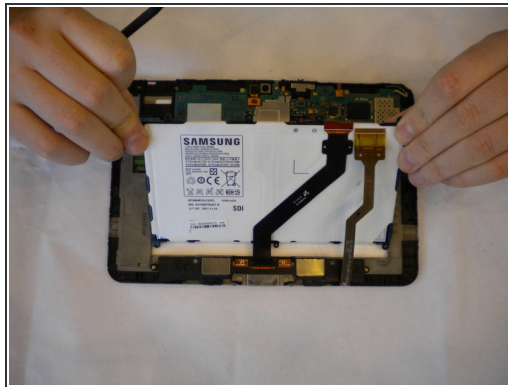
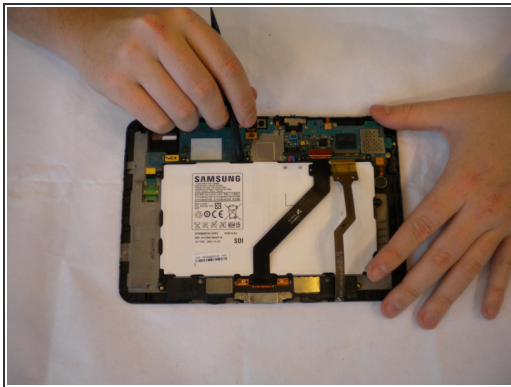
- Insert the spudger under the red, black, and white cables to pry up and detach the battery from the motherboard.

Step 9 — Locate Screws



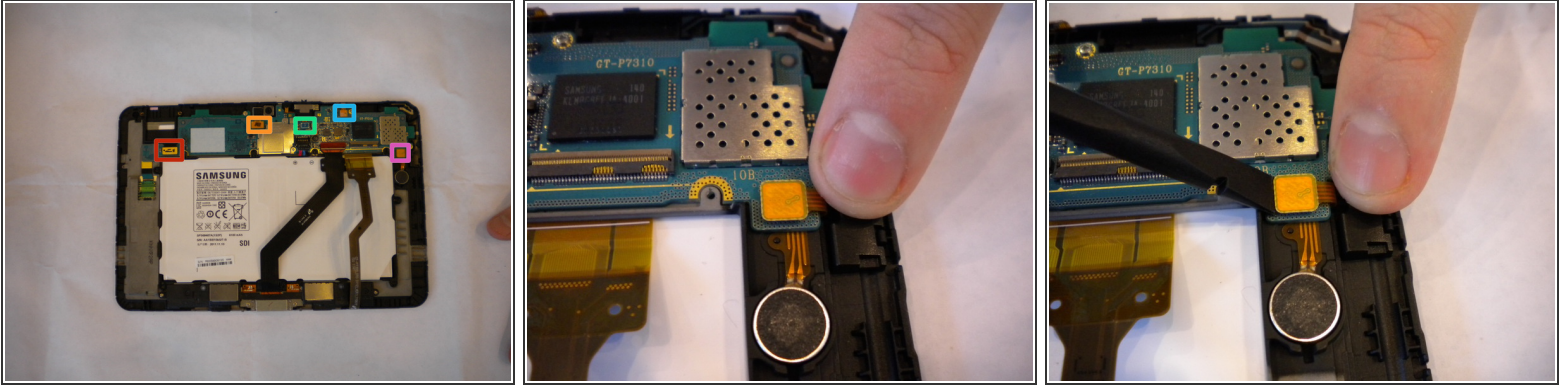
- Using a Phillips #00 screwdriver, unscrew the 9 screws (1mm) that are located around the battery.

Step 10 — Remove the Battery



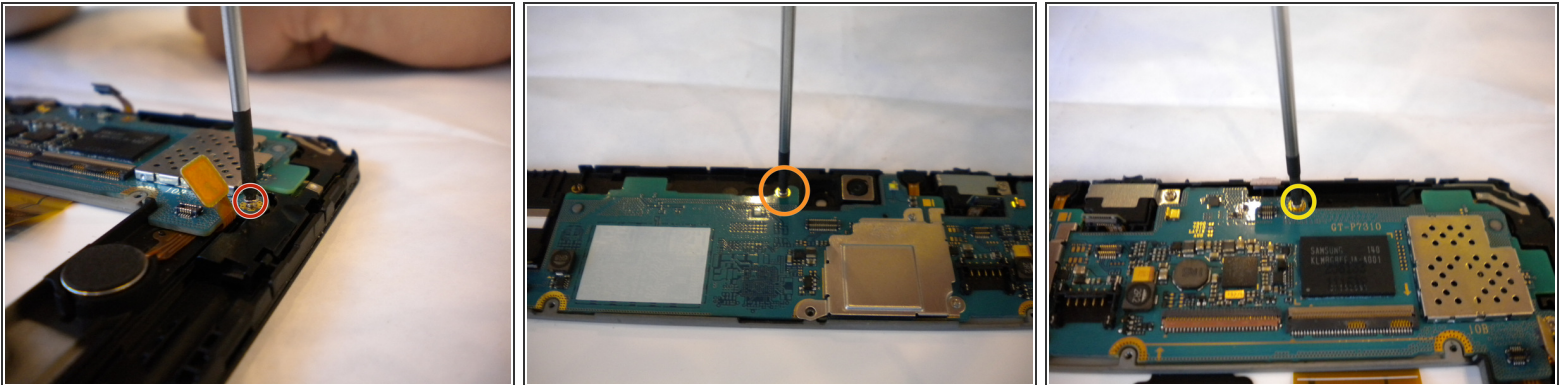
- Using a spudger, lift up and separate the battery from the housing.

Step 11 — Disconnect connections



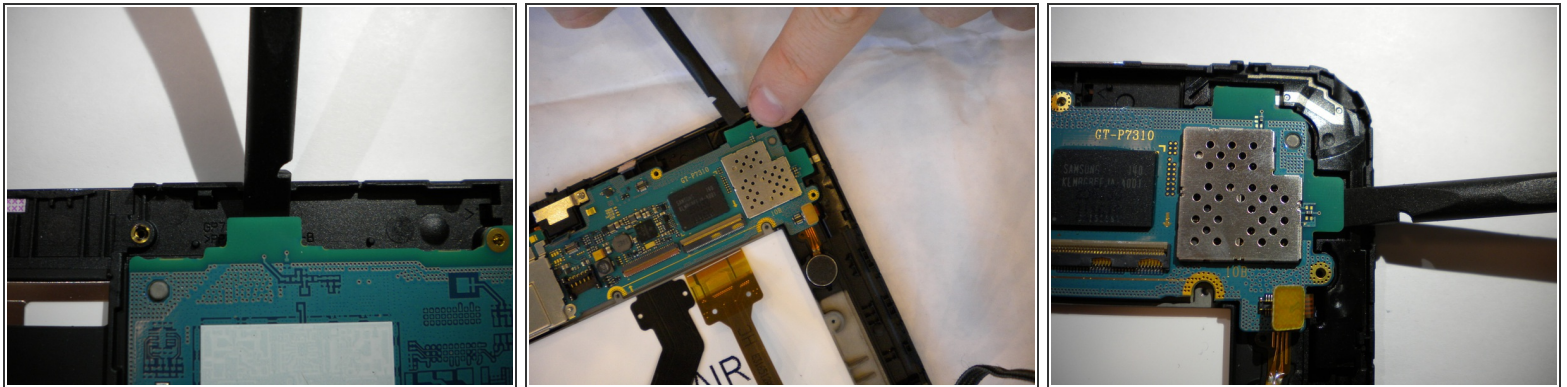
- Locate the motherboard and 5 connectors on it.
- Pry up and detach the connector from the motherboard using the flat edge of the spudger.
- Repeat for the 4 remaining connectors.

Step 12 — Locate Screws



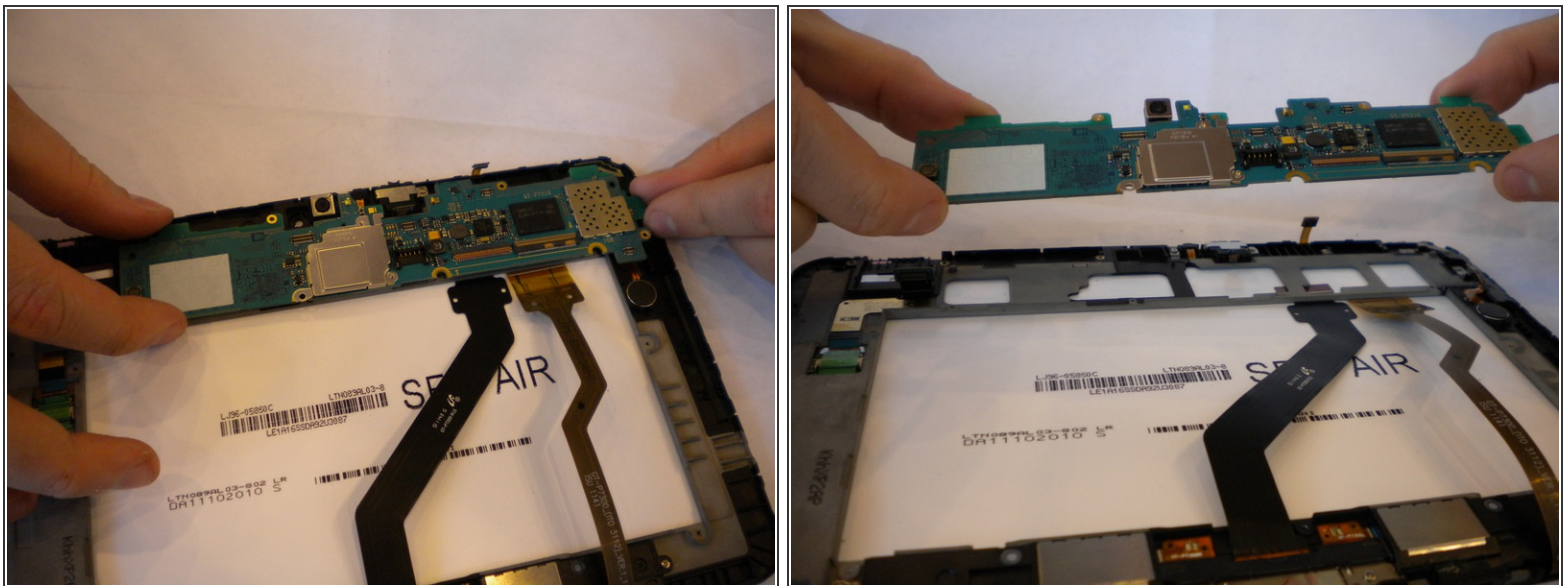
- Using the Phillips #00 screwdriver, unscrew the 3 screws (1mm) that are located near:
 - Camera
 - Power and volume buttons
 - Tilt sensor

Step 13 — Lift Motherboard



- Using the flat edge of the spudger, pry and lift up the motherboard.

Step 14 — Remove motherboard



- Pull away the motherboard from the housing.

To reassemble your device, follow these instructions in reverse order.

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